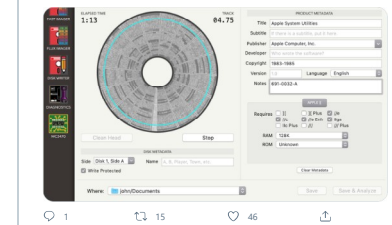
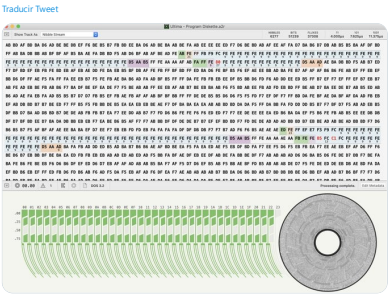


John Keoni Morris @DiskBlitz · 8 may, 2020  
What is Applesauce? Lots of people know it as the flux image for Apple II and Mac floppy disks that makes pretty pictures. It does that, but it also does so much more. It is a tool for disk validation, recovery, and exploration.



John Keoni Morris @DiskBlitz  
En respuesta a @DiskBlitz

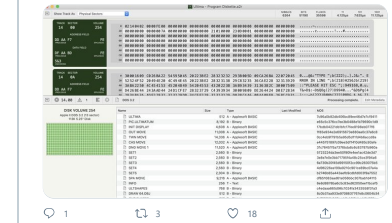
This is the original Ultima from @RichardGarriott . It is copy protected, but Applesauce uses machine learning to unwind the protection scheme (altered sector markers that change per track) in order to validate that the underlying data is correct.



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After understanding how the disk is structured, it can see that it is using a modified DOS 3.2 with a catalog on track 14 instead of 11. So, we can now see the files on the disk. This is the first version of Ultima that was written in Applesoft BASIC.



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Applesauce also supports many standard formats and has the ability to detokenize a BASIC files. This gives us the ability to view the source code of Ultima.



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You can also use Applesauce to extract the files in order to poke at them with your favorite hex editor. The ability to capture a flux image of a floppy disk is but a tiny part of the software preservation process.

**Personas relevantes**

**John Keoni Morris**  
@DiskBlitz

Code monkey with a soldering iron. Wrenches on air-cooled Porsches. Makes games. Always being a mad scientist.

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**Richard Garriott**  
@RichardGarriott

Inventor, astronaut, explorer, videogame entrepreneur; Author of "Explore/Create"; President-elect of @ExplorersClub; Married to @LaetitiaGdC; Join me in #SoTA!

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